

# Global Solenoid Valves for Vacuum Market Growth 2023-2029

https://marketpublishers.com/r/G1B96B887FAEEN.html

Date: March 2023

Pages: 119

Price: US\$ 3,660.00 (Single User License)

ID: G1B96B887FAEEN

# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Solenoid Valves for Vacuum market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Solenoid Valves for Vacuum is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Solenoid Valves for Vacuum is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Solenoid Valves for Vacuum is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Solenoid Valves for Vacuum players cover Emerson (ASCO & Sirai), Kendrion, Danfoss, Parker, B?rkert, SMC, ETO Magnetic GmbH (ETO GRUPPE), Norgren (IMI) and CKD, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

An electromechanical solenoid valve is an electromechanically operated valve. Solenoid valve is an automatic control element used to control fluid, which belongs to the actuator. The valve is controlled by an electric current through a solenoid: in the case of a 2-way valve, the flow is switched on or off. In the case of a three-way valve, the outflow is switched between two outlet ports. Multiple solenoid valves can be placed together on a manifold.



LPI (LP Information)' newest research report, the "Solenoid Valves for Vacuum Industry Forecast" looks at past sales and reviews total world Solenoid Valves for Vacuum sales in 2022, providing a comprehensive analysis by region and market sector of projected Solenoid Valves for Vacuum sales for 2023 through 2029. With Solenoid Valves for Vacuum sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Solenoid Valves for Vacuum industry.

This Insight Report provides a comprehensive analysis of the global Solenoid Valves for Vacuum landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Solenoid Valves for Vacuum portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Solenoid Valves for Vacuum market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Solenoid Valves for Vacuum and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Solenoid Valves for Vacuum.

This report presents a comprehensive overview, market shares, and growth opportunities of Solenoid Valves for Vacuum market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Direct-Acting Solenoid Valves

Sub-Step Direct-Acting Solenoid Valves

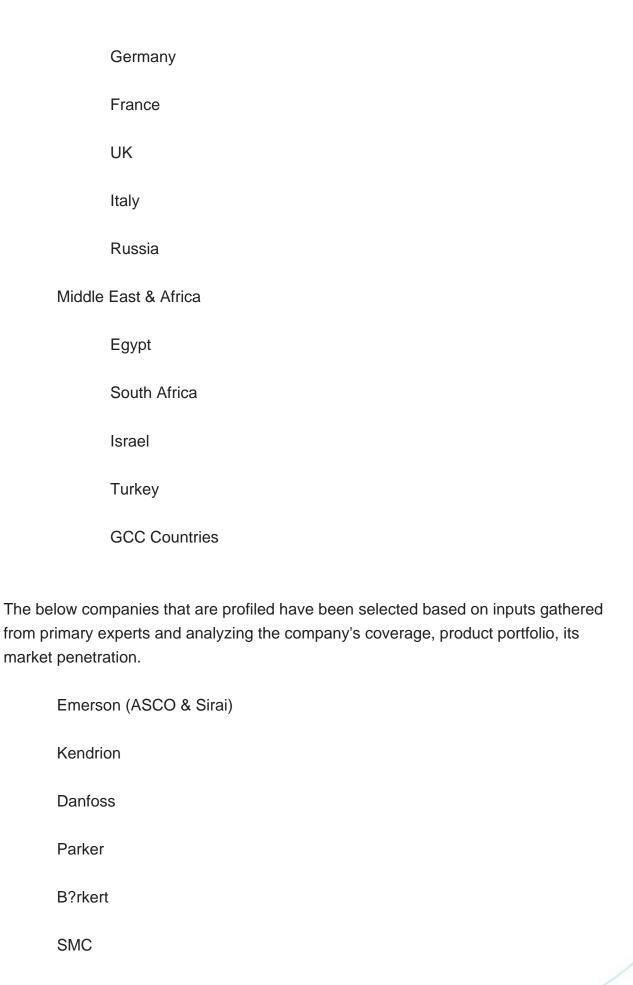
Pilot Solenoid Valves



# Segmentation by application Automobile **General Industry** Automation Others This report also splits the market by region: Americas **United States** Canada Mexico Brazil **APAC** China Japan Korea Southeast Asia India Australia

Europe







ETO Magnetic GmbH (ETO GRUPPE)		
Norgren (IMI)		
CKD		
CEME		
Saginomiya		
ODE		
GF Piping Systems (Georg Fischer)		
YPC		
PRO UNI-D		
Key Questions Addressed in this Report		
What is the 10-year outlook for the global Solenoid Valves for Vacuum market?		
What factors are driving Solenoid Valves for Vacuum market growth, globally and by region?		
Which technologies are poised for the fastest growth by market and region?		
How do Solenoid Valves for Vacuum market opportunities vary by end market size?		
How does Solenoid Valves for Vacuum break out type, application?		
What are the influences of COVID-19 and Russia-Ukraine war?		



# **Contents**

#### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

# **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Solenoid Valves for Vacuum Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Solenoid Valves for Vacuum by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Solenoid Valves for Vacuum by Country/Region, 2018, 2022 & 2029
- 2.2 Solenoid Valves for Vacuum Segment by Type
  - 2.2.1 Direct-Acting Solenoid Valves
  - 2.2.2 Sub-Step Direct-Acting Solenoid Valves
  - 2.2.3 Pilot Solenoid Valves
- 2.3 Solenoid Valves for Vacuum Sales by Type
  - 2.3.1 Global Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- 2.3.2 Global Solenoid Valves for Vacuum Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Solenoid Valves for Vacuum Sale Price by Type (2018-2023)
- 2.4 Solenoid Valves for Vacuum Segment by Application
  - 2.4.1 Automobile
  - 2.4.2 General Industry
  - 2.4.3 Automation
  - 2.4.4 Others
- 2.5 Solenoid Valves for Vacuum Sales by Application
- 2.5.1 Global Solenoid Valves for Vacuum Sale Market Share by Application (2018-2023)
- 2.5.2 Global Solenoid Valves for Vacuum Revenue and Market Share by Application



(2018-2023)

2.5.3 Global Solenoid Valves for Vacuum Sale Price by Application (2018-2023)

# 3 GLOBAL SOLENOID VALVES FOR VACUUM BY COMPANY

- 3.1 Global Solenoid Valves for Vacuum Breakdown Data by Company
- 3.1.1 Global Solenoid Valves for Vacuum Annual Sales by Company (2018-2023)
- 3.1.2 Global Solenoid Valves for Vacuum Sales Market Share by Company (2018-2023)
- 3.2 Global Solenoid Valves for Vacuum Annual Revenue by Company (2018-2023)
  - 3.2.1 Global Solenoid Valves for Vacuum Revenue by Company (2018-2023)
- 3.2.2 Global Solenoid Valves for Vacuum Revenue Market Share by Company (2018-2023)
- 3.3 Global Solenoid Valves for Vacuum Sale Price by Company
- 3.4 Key Manufacturers Solenoid Valves for Vacuum Producing Area Distribution, Sales Area, Product Type
- 3.4.1 Key Manufacturers Solenoid Valves for Vacuum Product Location Distribution
- 3.4.2 Players Solenoid Valves for Vacuum Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR SOLENOID VALVES FOR VACUUM BY GEOGRAPHIC REGION

- 4.1 World Historic Solenoid Valves for Vacuum Market Size by Geographic Region (2018-2023)
- 4.1.1 Global Solenoid Valves for Vacuum Annual Sales by Geographic Region (2018-2023)
- 4.1.2 Global Solenoid Valves for Vacuum Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic Solenoid Valves for Vacuum Market Size by Country/Region (2018-2023)
- 4.2.1 Global Solenoid Valves for Vacuum Annual Sales by Country/Region (2018-2023)
- 4.2.2 Global Solenoid Valves for Vacuum Annual Revenue by Country/Region (2018-2023)



- 4.3 Americas Solenoid Valves for Vacuum Sales Growth
- 4.4 APAC Solenoid Valves for Vacuum Sales Growth
- 4.5 Europe Solenoid Valves for Vacuum Sales Growth
- 4.6 Middle East & Africa Solenoid Valves for Vacuum Sales Growth

# **5 AMERICAS**

- 5.1 Americas Solenoid Valves for Vacuum Sales by Country
  - 5.1.1 Americas Solenoid Valves for Vacuum Sales by Country (2018-2023)
  - 5.1.2 Americas Solenoid Valves for Vacuum Revenue by Country (2018-2023)
- 5.2 Americas Solenoid Valves for Vacuum Sales by Type
- 5.3 Americas Solenoid Valves for Vacuum Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

# 6 APAC

- 6.1 APAC Solenoid Valves for Vacuum Sales by Region
  - 6.1.1 APAC Solenoid Valves for Vacuum Sales by Region (2018-2023)
  - 6.1.2 APAC Solenoid Valves for Vacuum Revenue by Region (2018-2023)
- 6.2 APAC Solenoid Valves for Vacuum Sales by Type
- 6.3 APAC Solenoid Valves for Vacuum Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

# **7 EUROPE**

- 7.1 Europe Solenoid Valves for Vacuum by Country
  - 7.1.1 Europe Solenoid Valves for Vacuum Sales by Country (2018-2023)
  - 7.1.2 Europe Solenoid Valves for Vacuum Revenue by Country (2018-2023)
- 7.2 Europe Solenoid Valves for Vacuum Sales by Type
- 7.3 Europe Solenoid Valves for Vacuum Sales by Application



- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

# **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Solenoid Valves for Vacuum by Country
  - 8.1.1 Middle East & Africa Solenoid Valves for Vacuum Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa Solenoid Valves for Vacuum Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Solenoid Valves for Vacuum Sales by Type
- 8.3 Middle East & Africa Solenoid Valves for Vacuum Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

# 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

# 10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Solenoid Valves for Vacuum
- 10.3 Manufacturing Process Analysis of Solenoid Valves for Vacuum
- 10.4 Industry Chain Structure of Solenoid Valves for Vacuum

# 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Solenoid Valves for Vacuum Distributors



# 11.3 Solenoid Valves for Vacuum Customer

# 12 WORLD FORECAST REVIEW FOR SOLENOID VALVES FOR VACUUM BY GEOGRAPHIC REGION

- 12.1 Global Solenoid Valves for Vacuum Market Size Forecast by Region
- 12.1.1 Global Solenoid Valves for Vacuum Forecast by Region (2024-2029)
- 12.1.2 Global Solenoid Valves for Vacuum Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Solenoid Valves for Vacuum Forecast by Type
- 12.7 Global Solenoid Valves for Vacuum Forecast by Application

#### 13 KEY PLAYERS ANALYSIS

- 13.1 Emerson (ASCO & Sirai)
  - 13.1.1 Emerson (ASCO & Sirai) Company Information
- 13.1.2 Emerson (ASCO & Sirai) Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.1.3 Emerson (ASCO & Sirai) Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Emerson (ASCO & Sirai) Main Business Overview
  - 13.1.5 Emerson (ASCO & Sirai) Latest Developments
- 13.2 Kendrion
  - 13.2.1 Kendrion Company Information
  - 13.2.2 Kendrion Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.2.3 Kendrion Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Kendrion Main Business Overview
  - 13.2.5 Kendrion Latest Developments
- 13.3 Danfoss
  - 13.3.1 Danfoss Company Information
  - 13.3.2 Danfoss Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.3.3 Danfoss Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.3.4 Danfoss Main Business Overview



- 13.3.5 Danfoss Latest Developments
- 13.4 Parker
- 13.4.1 Parker Company Information
- 13.4.2 Parker Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.4.3 Parker Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Parker Main Business Overview
  - 13.4.5 Parker Latest Developments
- 13.5 B?rkert
  - 13.5.1 B?rkert Company Information
  - 13.5.2 B?rkert Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.5.3 B?rkert Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 B?rkert Main Business Overview
  - 13.5.5 B?rkert Latest Developments
- 13.6 SMC
  - 13.6.1 SMC Company Information
  - 13.6.2 SMC Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.6.3 SMC Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 SMC Main Business Overview
  - 13.6.5 SMC Latest Developments
- 13.7 ETO Magnetic GmbH (ETO GRUPPE)
- 13.7.1 ETO Magnetic GmbH (ETO GRUPPE) Company Information
- 13.7.2 ETO Magnetic GmbH (ETO GRUPPE) Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.7.3 ETO Magnetic GmbH (ETO GRUPPE) Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 ETO Magnetic GmbH (ETO GRUPPE) Main Business Overview
  - 13.7.5 ETO Magnetic GmbH (ETO GRUPPE) Latest Developments
- 13.8 Norgren (IMI)
  - 13.8.1 Norgren (IMI) Company Information
  - 13.8.2 Norgren (IMI) Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.8.3 Norgren (IMI) Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 Norgren (IMI) Main Business Overview
  - 13.8.5 Norgren (IMI) Latest Developments
- 13.9 CKD
- 13.9.1 CKD Company Information



- 13.9.2 CKD Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.9.3 CKD Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.9.4 CKD Main Business Overview
  - 13.9.5 CKD Latest Developments
- 13.10 CEME
  - 13.10.1 CEME Company Information
  - 13.10.2 CEME Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.10.3 CEME Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.10.4 CEME Main Business Overview
  - 13.10.5 CEME Latest Developments
- 13.11 Saginomiya
  - 13.11.1 Saginomiya Company Information
- 13.11.2 Saginomiya Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.11.3 Saginomiya Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.11.4 Saginomiya Main Business Overview
  - 13.11.5 Saginomiya Latest Developments
- 13.12 ODE
  - 13.12.1 ODE Company Information
  - 13.12.2 ODE Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.12.3 ODE Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.12.4 ODE Main Business Overview
  - 13.12.5 ODE Latest Developments
- 13.13 GF Piping Systems (Georg Fischer)
- 13.13.1 GF Piping Systems (Georg Fischer) Company Information
- 13.13.2 GF Piping Systems (Georg Fischer) Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.13.3 GF Piping Systems (Georg Fischer) Solenoid Valves for Vacuum Sales,
- Revenue, Price and Gross Margin (2018-2023)
  - 13.13.4 GF Piping Systems (Georg Fischer) Main Business Overview
  - 13.13.5 GF Piping Systems (Georg Fischer) Latest Developments
- 13.14 YPC
  - 13.14.1 YPC Company Information
  - 13.14.2 YPC Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.14.3 YPC Solenoid Valves for Vacuum Sales, Revenue, Price and Gross Margin (2018-2023)



- 13.14.4 YPC Main Business Overview
- 13.14.5 YPC Latest Developments
- 13.15 PRO UNI-D
  - 13.15.1 PRO UNI-D Company Information
  - 13.15.2 PRO UNI-D Solenoid Valves for Vacuum Product Portfolios and Specifications
- 13.15.3 PRO UNI-D Solenoid Valves for Vacuum Sales, Revenue, Price and Gross
- Margin (2018-2023)
  - 13.15.4 PRO UNI-D Main Business Overview
  - 13.15.5 PRO UNI-D Latest Developments

# 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

# LIST OF TABLES

- Table 1. Solenoid Valves for Vacuum Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. Solenoid Valves for Vacuum Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of Direct-Acting Solenoid Valves
- Table 4. Major Players of Sub-Step Direct-Acting Solenoid Valves
- Table 5. Major Players of Pilot Solenoid Valves
- Table 6. Global Solenoid Valves for Vacuum Sales by Type (2018-2023) & (K Units)
- Table 7. Global Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- Table 8. Global Solenoid Valves for Vacuum Revenue by Type (2018-2023) & (\$ million)
- Table 9. Global Solenoid Valves for Vacuum Revenue Market Share by Type (2018-2023)
- Table 10. Global Solenoid Valves for Vacuum Sale Price by Type (2018-2023) & (US\$/Unit)
- Table 11. Global Solenoid Valves for Vacuum Sales by Application (2018-2023) & (K Units)
- Table 12. Global Solenoid Valves for Vacuum Sales Market Share by Application (2018-2023)
- Table 13. Global Solenoid Valves for Vacuum Revenue by Application (2018-2023)
- Table 14. Global Solenoid Valves for Vacuum Revenue Market Share by Application (2018-2023)
- Table 15. Global Solenoid Valves for Vacuum Sale Price by Application (2018-2023) & (US\$/Unit)
- Table 16. Global Solenoid Valves for Vacuum Sales by Company (2018-2023) & (K Units)
- Table 17. Global Solenoid Valves for Vacuum Sales Market Share by Company (2018-2023)
- Table 18. Global Solenoid Valves for Vacuum Revenue by Company (2018-2023) (\$ Millions)
- Table 19. Global Solenoid Valves for Vacuum Revenue Market Share by Company (2018-2023)
- Table 20. Global Solenoid Valves for Vacuum Sale Price by Company (2018-2023) & (US\$/Unit)
- Table 21. Key Manufacturers Solenoid Valves for Vacuum Producing Area Distribution



- and Sales Area
- Table 22. Players Solenoid Valves for Vacuum Products Offered
- Table 23. Solenoid Valves for Vacuum Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- Table 24. New Products and Potential Entrants
- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global Solenoid Valves for Vacuum Sales by Geographic Region (2018-2023) & (K Units)
- Table 27. Global Solenoid Valves for Vacuum Sales Market Share Geographic Region (2018-2023)
- Table 28. Global Solenoid Valves for Vacuum Revenue by Geographic Region (2018-2023) & (\$ millions)
- Table 29. Global Solenoid Valves for Vacuum Revenue Market Share by Geographic Region (2018-2023)
- Table 30. Global Solenoid Valves for Vacuum Sales by Country/Region (2018-2023) & (K Units)
- Table 31. Global Solenoid Valves for Vacuum Sales Market Share by Country/Region (2018-2023)
- Table 32. Global Solenoid Valves for Vacuum Revenue by Country/Region (2018-2023) & (\$ millions)
- Table 33. Global Solenoid Valves for Vacuum Revenue Market Share by Country/Region (2018-2023)
- Table 34. Americas Solenoid Valves for Vacuum Sales by Country (2018-2023) & (K Units)
- Table 35. Americas Solenoid Valves for Vacuum Sales Market Share by Country (2018-2023)
- Table 36. Americas Solenoid Valves for Vacuum Revenue by Country (2018-2023) & (\$ Millions)
- Table 37. Americas Solenoid Valves for Vacuum Revenue Market Share by Country (2018-2023)
- Table 38. Americas Solenoid Valves for Vacuum Sales by Type (2018-2023) & (K Units)
- Table 39. Americas Solenoid Valves for Vacuum Sales by Application (2018-2023) & (K Units)
- Table 40. APAC Solenoid Valves for Vacuum Sales by Region (2018-2023) & (K Units)
- Table 41. APAC Solenoid Valves for Vacuum Sales Market Share by Region (2018-2023)
- Table 42. APAC Solenoid Valves for Vacuum Revenue by Region (2018-2023) & (\$ Millions)
- Table 43. APAC Solenoid Valves for Vacuum Revenue Market Share by Region



(2018-2023)

Table 44. APAC Solenoid Valves for Vacuum Sales by Type (2018-2023) & (K Units)

Table 45. APAC Solenoid Valves for Vacuum Sales by Application (2018-2023) & (K Units)

Table 46. Europe Solenoid Valves for Vacuum Sales by Country (2018-2023) & (K Units)

Table 47. Europe Solenoid Valves for Vacuum Sales Market Share by Country (2018-2023)

Table 48. Europe Solenoid Valves for Vacuum Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Solenoid Valves for Vacuum Revenue Market Share by Country (2018-2023)

Table 50. Europe Solenoid Valves for Vacuum Sales by Type (2018-2023) & (K Units)

Table 51. Europe Solenoid Valves for Vacuum Sales by Application (2018-2023) & (K Units)

Table 52. Middle East & Africa Solenoid Valves for Vacuum Sales by Country (2018-2023) & (K Units)

Table 53. Middle East & Africa Solenoid Valves for Vacuum Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Solenoid Valves for Vacuum Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Solenoid Valves for Vacuum Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Solenoid Valves for Vacuum Sales by Type (2018-2023) & (K Units)

Table 57. Middle East & Africa Solenoid Valves for Vacuum Sales by Application (2018-2023) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Solenoid Valves for Vacuum

Table 59. Key Market Challenges & Risks of Solenoid Valves for Vacuum

Table 60. Key Industry Trends of Solenoid Valves for Vacuum

Table 61. Solenoid Valves for Vacuum Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Solenoid Valves for Vacuum Distributors List

Table 64. Solenoid Valves for Vacuum Customer List

Table 65. Global Solenoid Valves for Vacuum Sales Forecast by Region (2024-2029) & (K Units)

Table 66. Global Solenoid Valves for Vacuum Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Solenoid Valves for Vacuum Sales Forecast by Country



(2024-2029) & (K Units)

Table 68. Americas Solenoid Valves for Vacuum Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Solenoid Valves for Vacuum Sales Forecast by Region (2024-2029) & (K Units)

Table 70. APAC Solenoid Valves for Vacuum Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Solenoid Valves for Vacuum Sales Forecast by Country (2024-2029) & (K Units)

Table 72. Europe Solenoid Valves for Vacuum Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Solenoid Valves for Vacuum Sales Forecast by Country (2024-2029) & (K Units)

Table 74. Middle East & Africa Solenoid Valves for Vacuum Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Solenoid Valves for Vacuum Sales Forecast by Type (2024-2029) & (K Units)

Table 76. Global Solenoid Valves for Vacuum Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Solenoid Valves for Vacuum Sales Forecast by Application (2024-2029) & (K Units)

Table 78. Global Solenoid Valves for Vacuum Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Emerson (ASCO & Sirai) Basic Information, Solenoid Valves for Vacuum Manufacturing Base, Sales Area and Its Competitors

Table 80. Emerson (ASCO & Sirai) Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 81. Emerson (ASCO & Sirai) Solenoid Valves for Vacuum Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. Emerson (ASCO & Sirai) Main Business

Table 83. Emerson (ASCO & Sirai) Latest Developments

Table 84. Kendrion Basic Information, Solenoid Valves for Vacuum Manufacturing Base, Sales Area and Its Competitors

Table 85. Kendrion Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 86. Kendrion Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. Kendrion Main Business

Table 88. Kendrion Latest Developments

Table 89. Danfoss Basic Information, Solenoid Valves for Vacuum Manufacturing Base,



Sales Area and Its Competitors

Table 90. Danfoss Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 91. Danfoss Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. Danfoss Main Business

Table 93. Danfoss Latest Developments

Table 94. Parker Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 95. Parker Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 96. Parker Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. Parker Main Business

Table 98. Parker Latest Developments

Table 99. B?rkert Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 100. B?rkert Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 101. B?rkert Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. B?rkert Main Business

Table 103. B?rkert Latest Developments

Table 104. SMC Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 105. SMC Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 106. SMC Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. SMC Main Business

Table 108. SMC Latest Developments

Table 109. ETO Magnetic GmbH (ETO GRUPPE) Basic Information, Solenoid Valves

for Vacuum Manufacturing Base, Sales Area and Its Competitors

Table 110. ETO Magnetic GmbH (ETO GRUPPE) Solenoid Valves for Vacuum Product

Portfolios and Specifications

Table 111. ETO Magnetic GmbH (ETO GRUPPE) Solenoid Valves for Vacuum Sales (K

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. ETO Magnetic GmbH (ETO GRUPPE) Main Business

Table 113. ETO Magnetic GmbH (ETO GRUPPE) Latest Developments

Table 114. Norgren (IMI) Basic Information, Solenoid Valves for Vacuum Manufacturing

Base, Sales Area and Its Competitors

Table 115. Norgren (IMI) Solenoid Valves for Vacuum Product Portfolios and

Specifications



Table 116. Norgren (IMI) Solenoid Valves for Vacuum Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 117. Norgren (IMI) Main Business

Table 118. Norgren (IMI) Latest Developments

Table 119. CKD Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 120. CKD Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 121. CKD Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 122. CKD Main Business

Table 123. CKD Latest Developments

Table 124. CEME Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 125. CEME Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 126. CEME Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 127. CEME Main Business

Table 128. CEME Latest Developments

Table 129. Saginomiya Basic Information, Solenoid Valves for Vacuum Manufacturing

Base, Sales Area and Its Competitors

Table 130. Saginomiya Solenoid Valves for Vacuum Product Portfolios and

Specifications

Table 131. Saginomiya Solenoid Valves for Vacuum Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 132. Saginomiya Main Business

Table 133. Saginomiya Latest Developments

Table 134. ODE Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 135. ODE Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 136. ODE Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 137. ODE Main Business

Table 138. ODE Latest Developments

Table 139. GF Piping Systems (Georg Fischer) Basic Information, Solenoid Valves for

Vacuum Manufacturing Base, Sales Area and Its Competitors

Table 140. GF Piping Systems (Georg Fischer) Solenoid Valves for Vacuum Product

Portfolios and Specifications

Table 141. GF Piping Systems (Georg Fischer) Solenoid Valves for Vacuum Sales (K.

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)



Table 142. GF Piping Systems (Georg Fischer) Main Business

Table 143. GF Piping Systems (Georg Fischer) Latest Developments

Table 144. YPC Basic Information, Solenoid Valves for Vacuum Manufacturing Base,

Sales Area and Its Competitors

Table 145. YPC Solenoid Valves for Vacuum Product Portfolios and Specifications

Table 146. YPC Solenoid Valves for Vacuum Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 147. YPC Main Business

Table 148. YPC Latest Developments

Table 149. PRO UNI-D Basic Information, Solenoid Valves for Vacuum Manufacturing

Base, Sales Area and Its Competitors

Table 150. PRO UNI-D Solenoid Valves for Vacuum Product Portfolios and

Specifications

Table 151. PRO UNI-D Solenoid Valves for Vacuum Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 152. PRO UNI-D Main Business

Table 153. PRO UNI-D Latest Developments



# **List Of Figures**

# **LIST OF FIGURES**

- Figure 1. Picture of Solenoid Valves for Vacuum
- Figure 2. Solenoid Valves for Vacuum Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Solenoid Valves for Vacuum Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Solenoid Valves for Vacuum Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Solenoid Valves for Vacuum Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Direct-Acting Solenoid Valves
- Figure 10. Product Picture of Sub-Step Direct-Acting Solenoid Valves
- Figure 11. Product Picture of Pilot Solenoid Valves
- Figure 12. Global Solenoid Valves for Vacuum Sales Market Share by Type in 2022
- Figure 13. Global Solenoid Valves for Vacuum Revenue Market Share by Type (2018-2023)
- Figure 14. Solenoid Valves for Vacuum Consumed in Automobile
- Figure 15. Global Solenoid Valves for Vacuum Market: Automobile (2018-2023) & (K Units)
- Figure 16. Solenoid Valves for Vacuum Consumed in General Industry
- Figure 17. Global Solenoid Valves for Vacuum Market: General Industry (2018-2023) & (K Units)
- Figure 18. Solenoid Valves for Vacuum Consumed in Automation
- Figure 19. Global Solenoid Valves for Vacuum Market: Automation (2018-2023) & (K Units)
- Figure 20. Solenoid Valves for Vacuum Consumed in Others
- Figure 21. Global Solenoid Valves for Vacuum Market: Others (2018-2023) & (K Units)
- Figure 22. Global Solenoid Valves for Vacuum Sales Market Share by Application (2022)
- Figure 23. Global Solenoid Valves for Vacuum Revenue Market Share by Application in 2022
- Figure 24. Solenoid Valves for Vacuum Sales Market by Company in 2022 (K Units)
- Figure 25. Global Solenoid Valves for Vacuum Sales Market Share by Company in 2022
- Figure 26. Solenoid Valves for Vacuum Revenue Market by Company in 2022 (\$



# Million)

- Figure 27. Global Solenoid Valves for Vacuum Revenue Market Share by Company in 2022
- Figure 28. Global Solenoid Valves for Vacuum Sales Market Share by Geographic Region (2018-2023)
- Figure 29. Global Solenoid Valves for Vacuum Revenue Market Share by Geographic Region in 2022
- Figure 30. Americas Solenoid Valves for Vacuum Sales 2018-2023 (K Units)
- Figure 31. Americas Solenoid Valves for Vacuum Revenue 2018-2023 (\$ Millions)
- Figure 32. APAC Solenoid Valves for Vacuum Sales 2018-2023 (K Units)
- Figure 33. APAC Solenoid Valves for Vacuum Revenue 2018-2023 (\$ Millions)
- Figure 34. Europe Solenoid Valves for Vacuum Sales 2018-2023 (K Units)
- Figure 35. Europe Solenoid Valves for Vacuum Revenue 2018-2023 (\$ Millions)
- Figure 36. Middle East & Africa Solenoid Valves for Vacuum Sales 2018-2023 (K Units)
- Figure 37. Middle East & Africa Solenoid Valves for Vacuum Revenue 2018-2023 (\$ Millions)
- Figure 38. Americas Solenoid Valves for Vacuum Sales Market Share by Country in 2022
- Figure 39. Americas Solenoid Valves for Vacuum Revenue Market Share by Country in 2022
- Figure 40. Americas Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- Figure 41. Americas Solenoid Valves for Vacuum Sales Market Share by Application (2018-2023)
- Figure 42. United States Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 43. Canada Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 44. Mexico Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 45. Brazil Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. APAC Solenoid Valves for Vacuum Sales Market Share by Region in 2022
- Figure 47. APAC Solenoid Valves for Vacuum Revenue Market Share by Regions in 2022
- Figure 48. APAC Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- Figure 49. APAC Solenoid Valves for Vacuum Sales Market Share by Application (2018-2023)
- Figure 50. China Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 51. Japan Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 52. South Korea Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$



# Millions)

- Figure 53. Southeast Asia Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 54. India Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 55. Australia Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 56. China Taiwan Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. Europe Solenoid Valves for Vacuum Sales Market Share by Country in 2022
- Figure 58. Europe Solenoid Valves for Vacuum Revenue Market Share by Country in 2022
- Figure 59. Europe Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- Figure 60. Europe Solenoid Valves for Vacuum Sales Market Share by Application (2018-2023)
- Figure 61. Germany Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 62. France Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 63. UK Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 64. Italy Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 65. Russia Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. Middle East & Africa Solenoid Valves for Vacuum Sales Market Share by Country in 2022
- Figure 67. Middle East & Africa Solenoid Valves for Vacuum Revenue Market Share by Country in 2022
- Figure 68. Middle East & Africa Solenoid Valves for Vacuum Sales Market Share by Type (2018-2023)
- Figure 69. Middle East & Africa Solenoid Valves for Vacuum Sales Market Share by Application (2018-2023)
- Figure 70. Egypt Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 71. South Africa Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 72. Israel Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 73. Turkey Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 74. GCC Country Solenoid Valves for Vacuum Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. Manufacturing Cost Structure Analysis of Solenoid Valves for Vacuum in 2022
- Figure 76. Manufacturing Process Analysis of Solenoid Valves for Vacuum



Figure 77. Industry Chain Structure of Solenoid Valves for Vacuum

Figure 78. Channels of Distribution

Figure 79. Global Solenoid Valves for Vacuum Sales Market Forecast by Region (2024-2029)

Figure 80. Global Solenoid Valves for Vacuum Revenue Market Share Forecast by Region (2024-2029)

Figure 81. Global Solenoid Valves for Vacuum Sales Market Share Forecast by Type (2024-2029)

Figure 82. Global Solenoid Valves for Vacuum Revenue Market Share Forecast by Type (2024-2029)

Figure 83. Global Solenoid Valves for Vacuum Sales Market Share Forecast by Application (2024-2029)

Figure 84. Global Solenoid Valves for Vacuum Revenue Market Share Forecast by Application (2024-2029)



# I would like to order

Product name: Global Solenoid Valves for Vacuum Market Growth 2023-2029

Product link: <a href="https://marketpublishers.com/r/G1B96B887FAEEN.html">https://marketpublishers.com/r/G1B96B887FAEEN.html</a>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G1B96B887FAEEN.html">https://marketpublishers.com/r/G1B96B887FAEEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970